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Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV

CMS Collaboration ; Canelli, Maria Florencia ; Kilminster, Benjamin ; Aarrestad, Thea K ; Brzhechko, Danyyl ; Caminada, Lea ; De Cosa, Annapaoloa ; Del Burgo, Riccardo ; Donato, Silvio ; Galloni, Camilla ; Hreus, Tomas ; Leontsinis, Stefanos ; Mikuni, Vinicius Massami ; Neutelings, Izaak ; Rauco, Giorgia ; Robmann, Peter ; Salerno, Daniel ; Schweiger, Korbinian ; Seitz, Claudia ; Takahashi, Yuta ; Wertz, Sebastien ; Zucchetta, Alberto ; et al

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Erratum to: Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV

CMS Collaboration*

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For the article “Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV” by the CMS collaboration, an incorrect XML version was mistakenly published. The following corrections by the authors were not implemented:

1. Reference [6]: “Phys. Lett. B 763, 280” should have been corrected into “Phys. Lett. B 763, 280 (2016)”.
2. Reference [10]: “(2017). [arXiv:1709.07703](https://arxiv.org/abs/1709.07703) (Submitted to Phys.Rev. D)” should have been corrected into “. Phys. Rev. D 97, 032005 (2018). <https://doi.org/10.1103/PhysRevD.97.032005>. [arXiv:1709.07703](https://arxiv.org/abs/1709.07703)”.
3. Reference [16]: “; (2017). [arXiv:1706.09936](https://arxiv.org/abs/1706.09936) (Accepted by JHEP)” should have been corrected into “. JHEP 11, 047 (2017). [https://doi.org/10.1007/JHEP11\(2017\)047](https://doi.org/10.1007/JHEP11(2017)047). [arXiv:1706.09936](https://arxiv.org/abs/1706.09936)”.
4. Reference [41]: “. <https://cds.cern.ch/record/2020886>” should have been inserted at the end of the reference.
5. Reference [48]: “. <https://cds.cern.ch/record/2257069>” should have been inserted at the end of the reference.

6. CMS Collaboration, after reference section: “Institute for Nuclear Research and Nuclear Energy of Bulgaria Academy of Sciences, Sofia, Bulgaria” should have been corrected into “Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences, Sofia, Bulgaria”.
7. Equation 3, after “=” symbol: $249 \pm 8(\text{stat})_{-8}^{+9}(\text{syst}) \pm 4(\text{theo}) \pm 6(\text{lumi})\text{fb}$ should have been corrected into $249 \pm 11(\text{stat})_{-15}^{+16}(\text{syst}) \pm 4(\text{theo}) \pm 6(\text{lumi})\text{fb}$.
8. Abstract section, Line 13 and Section 10, para 1, line 8; and Equation 5: $4.8 \pm 0.2(\text{stat}) \pm 0.2(\text{syst}) \pm 0.1(\text{theo}) \pm 0.1(\text{lumi}) \times 10^{-6}$ should have been corrected into $4.83_{-0.22}^{+0.23}(\text{stat})_{-0.29}^{+0.32}(\text{syst}) \pm 0.08(\text{theo}) \pm 0.12(\text{lumi}) \times 10^{-6}$.

The original PDF file did not include these mistakes, which only affected the XML version. The original XML article has been corrected.

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